| Electronic Acknowledgement Receipt |   |  |  |  |  |
|------------------------------------|---|--|--|--|--|
| EFS ID:                            | 1072545   |  |  |  |  |
| Application Number:                | 10603182  |  |  |  |  |
| Confirmation Number:               | 1519  |  |  |  |  |
| Title of Invention:                | SLC19A2 amino acid transporter gene disruptions, and compositions and methods related thereto |  |  |  |  |
| First Named Inventor:              | Robert G. Wisotzkey   |  |  |  |  |
| Customer Number:                   | 26619   |  |  |  |  |
| Filer:                             | John Burke/Mary Notter  |  |  |  |  |
| Filer Authorized By:               | John Burke  |  |  |  |  |
| Attorney Docket Number:            | R-2243  |  |  |  |  |
| Receipt Date:                      | 08-JUN-2006   |  |  |  |  |
| Filing Date:                       | 24-JUN-2003   |  |  |  |  |
| Time Stamp:                        | 17:57:03  |  |  |  |  |
| Application Type:                  | Utility   |  |  |  |  |
| International Application Number:  |   |  |  |  |  |

## Payment information:

| Submitted with Payment                   | yes    |
|--|--------|
| Payment was successfully received in RAM | \$225  |
| RAM confirmation Number                  | 337    |
| Deposit Account                          | 502775 |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

## File Listing:

| Document<br>Number | Document Description                     | File Name           | File Size(Bytes) | Multi<br>Part | Pages |
|--------------------|--|---------------------|------------------|---------------|-------|
| 1                  | Transmittal letter                       | Transmittal.pdf     | 37593            | no            | 1     |
| Warnings:          |  | I                   |                  |               |       |
| Information:       |  |                     |                  |               |       |
| 2                  | Amendment - After Non-Final<br>Rejection | Amendment.pdf       | 1277224          | no            | 22    |
| Warnings:          |  |                     |                  |               |       |
| Information:       |  |                     |                  |               |       |
| 3                  | NPL Documents                            | Fleming2003.pdf     | 401988           | no            | 8     |
| Warnings:          |  |                     |                  | <u> </u>      |       |
| Information:       |  |                     |                  |               |       |
| 4                  | NPL Documents                            | Oishi2004.pdf       | 2314899          | no            | 11    |
| Warnings:          |  |                     |                  |               |       |
| Information:       |  |                     |                  |               | 1     |
| 5                  | NPL Documents                            | Albert2002.pdf      | 278728           | no            | 4     |
| Warnings:          |  |                     |                  |               |       |
| Information:       |  |                     |                  |               | 1     |
| 6                  | NPL Documents                            | Austin2004.pdf      | 543742           | no            | 4     |
| Warnings:          |  | L                   |                  |               |       |
| Information:       |  |                     |                  |               |       |
| 7                  | NPL Documents                            | Crawley2000.pdf     | 328385           | no            | 7     |
| Warnings:          |  |                     |                  |               |       |
| Information:       |  |                     |                  |               |       |
| 8                  | NPL Documents                            | Doetschmann1999.pdf | 825950           | no            | 7     |
| Warnings:          |  | I                   |                  | <u> </u>      | I     |
| Information:       |  |                     |                  |               |       |
| 9                  | NPL Documents                            | Joyner2000.pdf      | 581432           | no            | 6     |
| Warnings:          |  | <u> </u>            |                  | <u> </u>      |       |

| Information: |                                       |                     |         | 1  |   |  |  |
|--------------|---------------------------------------|---------------------|---------|----|---|--|--|
| 10           | NPL Documents                         | Lewin2000.pdf       | 147508  | no | 3 |  |  |
| Warnings:    |                                       |                     |         |    |   |  |  |
| Information: |                                       |                     |         |    |   |  |  |
| 11           | NPL Documents                         | Matise2000.pdf      | 61340   | no | 1 |  |  |
| Warnings:    |                                       |                     |         |    |   |  |  |
| Information: |                                       |                     |         |    |   |  |  |
| 12           | NPL Documents                         | NIHPressRelease.pdf | 220187  | no | 2 |  |  |
| Warnings:    |                                       |                     |         |    |   |  |  |
| Information: |                                       |                     |         |    |   |  |  |
| 13           | NPL Documents                         | Sands2002.pdf       | 2304522 | no | 3 |  |  |
| Warnings:    |                                       |                     |         |    |   |  |  |
| Information: |                                       |                     |         |    |   |  |  |
| 14           | NPL Documents                         | Spencer.pdf         | 213244  | no | 3 |  |  |
| Warnings:    |                                       |                     |         |    |   |  |  |
| Information: |                                       |                     |         |    |   |  |  |
| 15           | NPL Documents                         | Wolfer2002.pdf      | 631010  | no | 5 |  |  |
| Warnings:    |                                       |                     |         |    |   |  |  |
| Information: |                                       |                     |         |    |   |  |  |
| 16           | Extension of Time                     | TimeExtension.pdf   | 31222   | no | 1 |  |  |
| Warnings:    |                                       | 1                   |         |    |   |  |  |
| Information: |                                       |                     |         | •  |   |  |  |
| 17           | Fee Worksheet (PTO-875)               | fee-info.pdf        | 8170    | no | 2 |  |  |
| Warnings:    |                                       | ,                   |         |    |   |  |  |
| Information: |                                       |                     |         |    |   |  |  |
|              | Total Files Size (in bytes): 10207144 |                     |         |    |   |  |  |

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.